



FEMA



Prepared by  
Matt Anderson

# FEMA Region 6 Weather Threat Briefing

Wednesday, June 19, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



## Wednesday

- **Severe storms with damaging winds/hail being the main threats along with isolated heavy rainfall/flash flooding possible across NETX/AR/SE OK into N LA.**
  - **An isolated tornado or two possible across NETX.**

## Thursday - Sunday

- **No significant weather impacts expected.**

## Major River Flooding or Known Evacuations

- **The Mississippi River continues to slowly crest and will slowly recede through the week.**

## Tropical Weather Outlook

- **Tropical cyclone formation is not expected during the next 5 days.**

# FEMA Region 6 Threat Matrix



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June 19, 2019 – Jun 23, 2019

DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	NETX				
	SE OK/AR/N LA				
Heavy Rain / Flash Flooding	NETX				
	SE OK/AR/N LA				
Fire Weather					
Tropical Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River

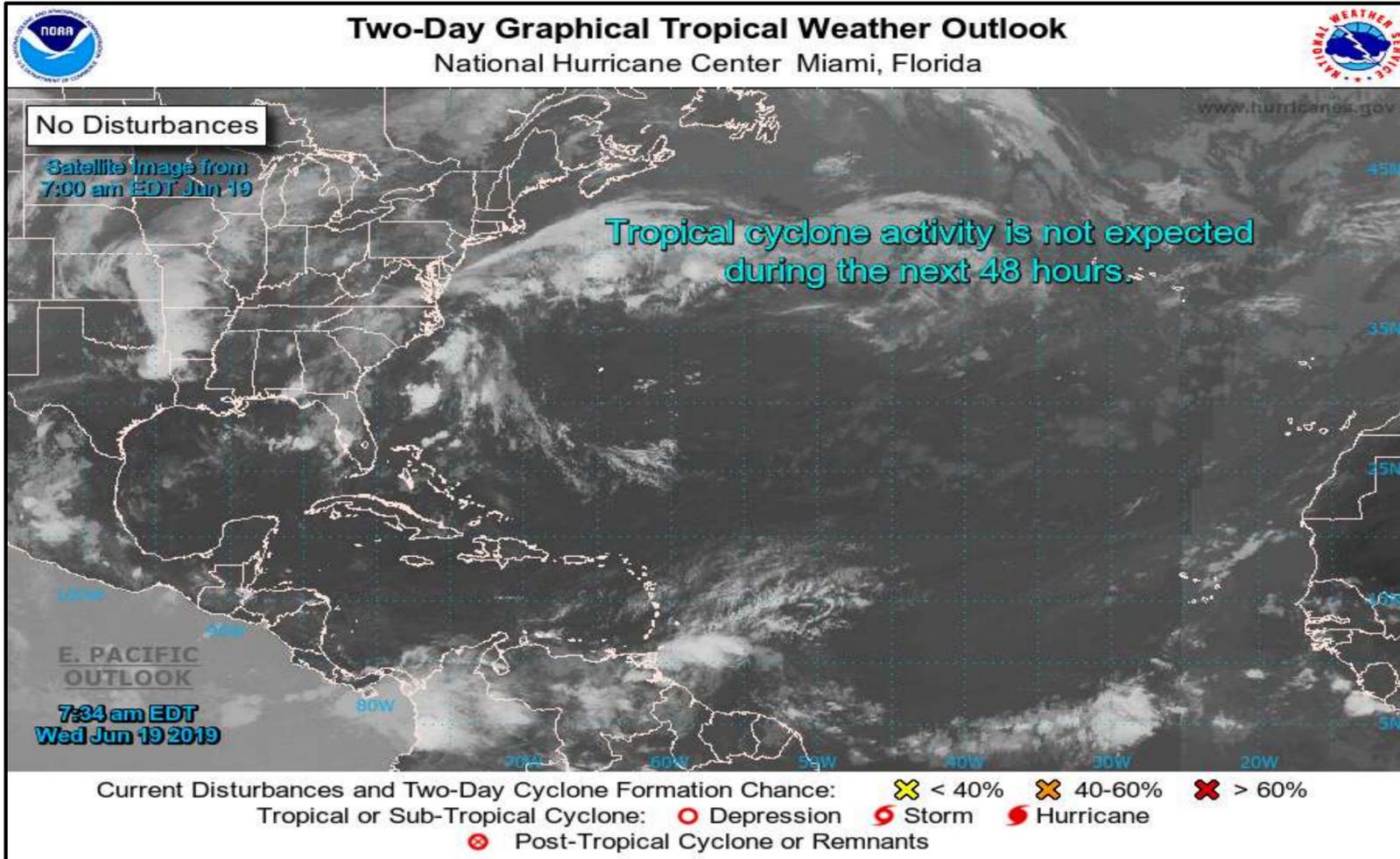
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**  
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# Tropical Weather Outlook – Atlantic/Gulf



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**Tropical cyclone formation is not expected during the next 5 days.**

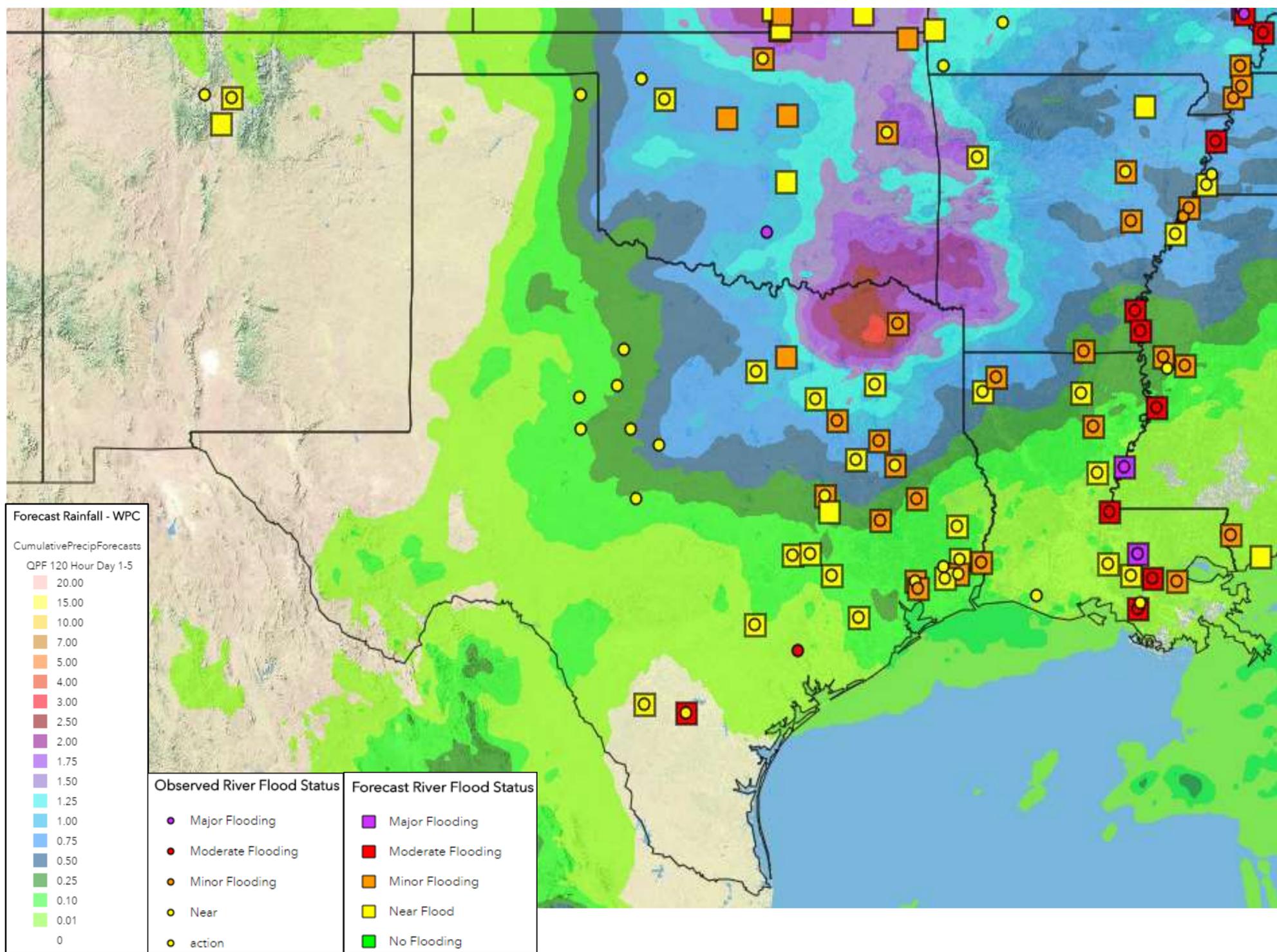


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**The Mississippi River will continue to slowly crest and recede.**

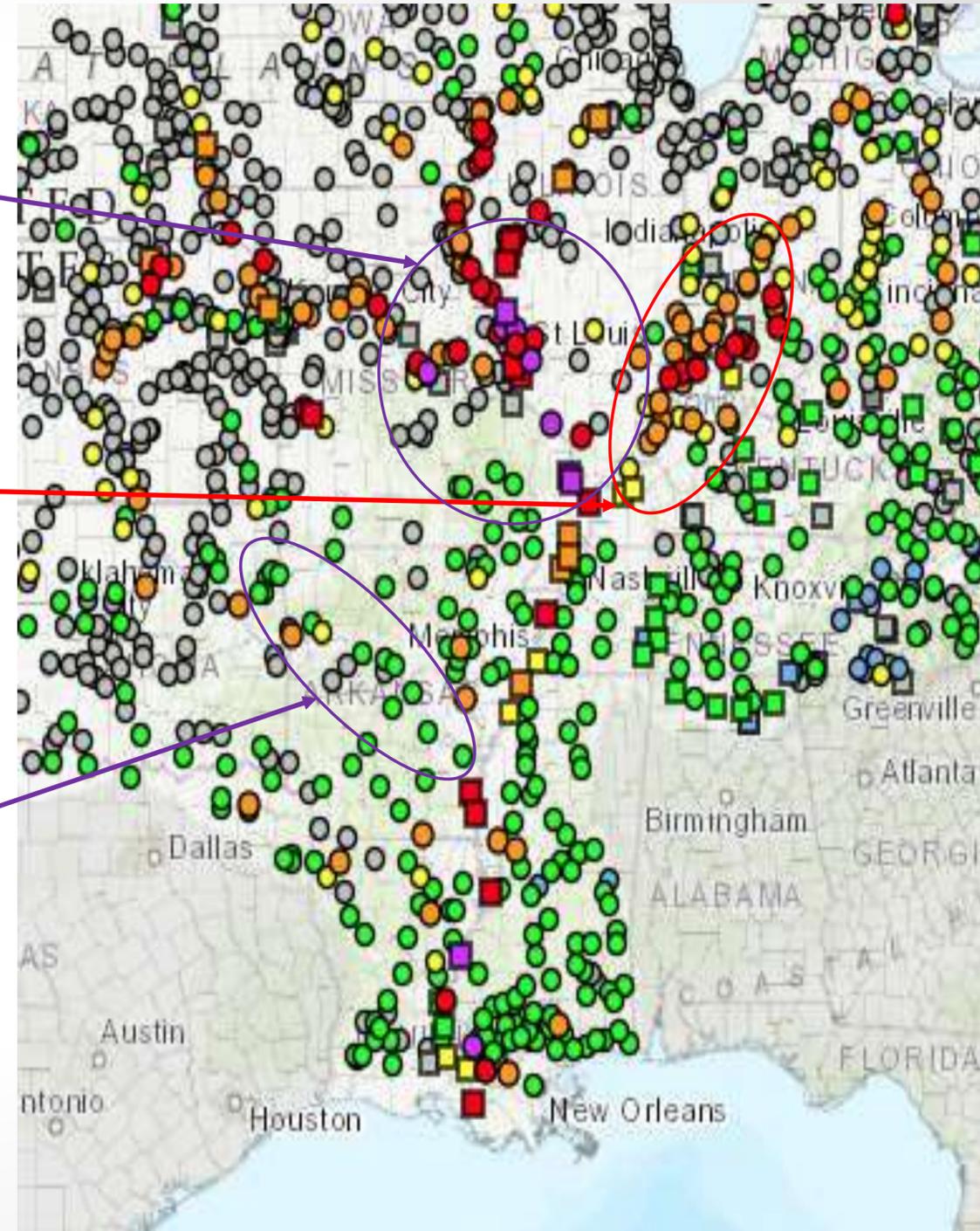
- **Osceola:** Has crested in moderate flood stage (32.3 ft) and will slowly recede with mostly agricultural flooding and some roads impacted.
- **Near Arkansas City,** the river crested at 43.18 ft and is slowly receding; many roads still cut off.
- **At Red River Landing** the river crested at 61.27 ft with mostly agricultural/recreational impacts.
- **Baton Rouge** has crested but remains in major flood above (43 ft) with shipping and industrial impacts. **Moderate flood stage is 38 feet or lower.**



# Upper Portion of the Mississippi River Drainage

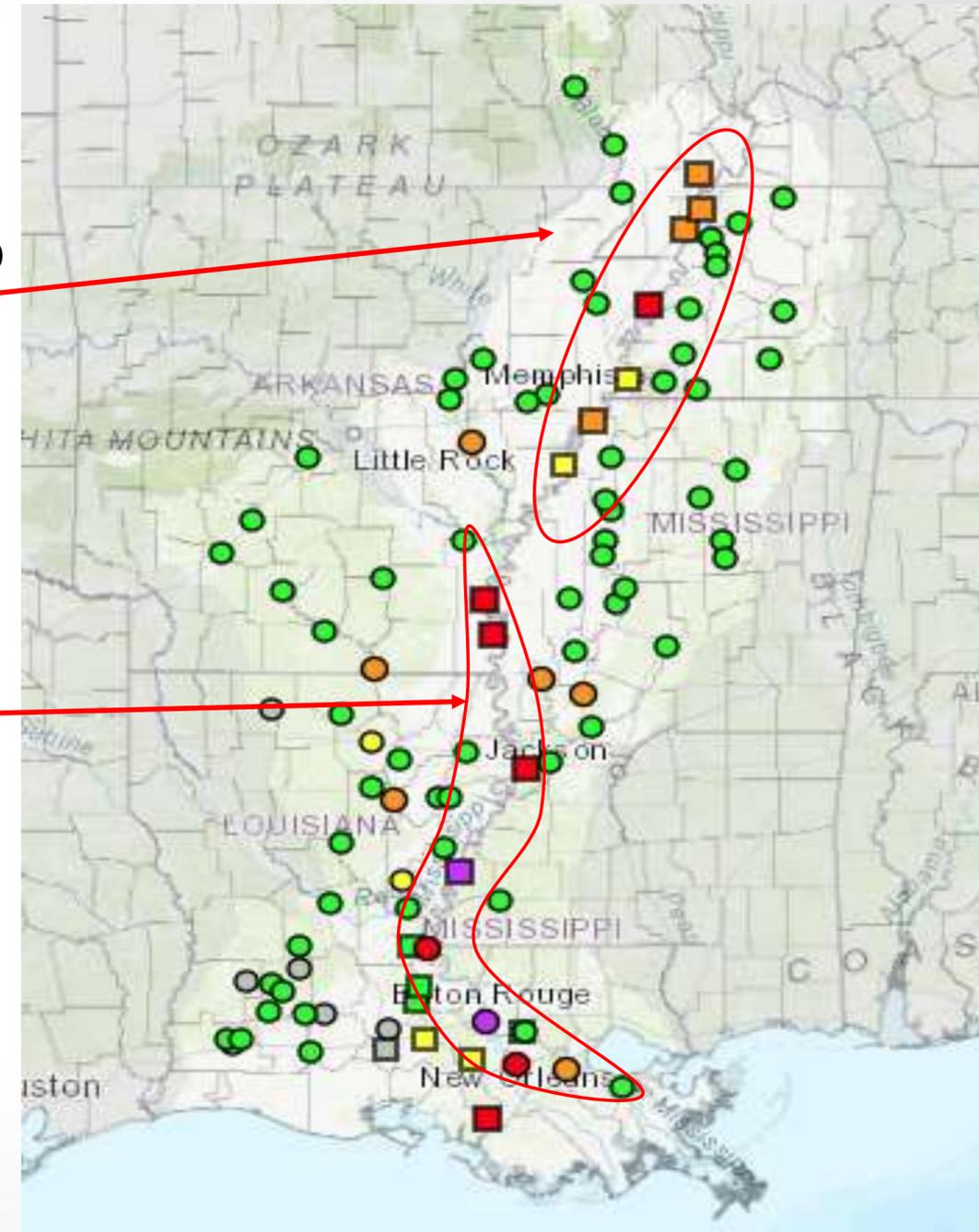


- **Moderate to Major** flooding continues to dwindle on the MO, MS, & IL Rivers. All locations continue to fall.
- **Minor to Moderate** flooding is forecast on the OH River. Cresting conditions are not expected to reach the MS River junction for another week.
- **Minor** flooding is confined to the upper reaches of the AR River. All locations have crested on the lower AR River and should remain below flood stage.
- Heavy rain over MO, IL, & OH Valley would slow recessions on the lower MS River.



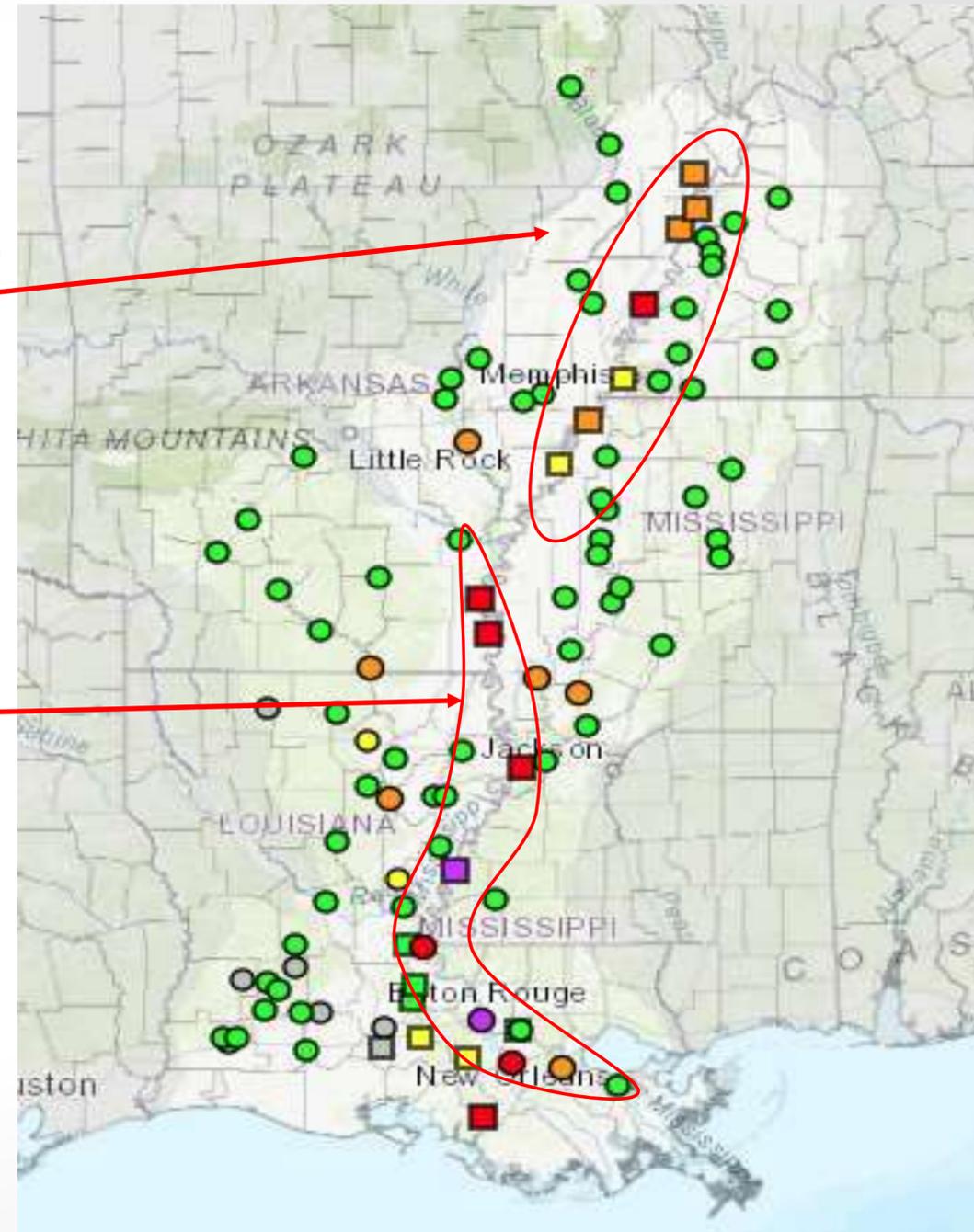
# Lower Mississippi River

- The Lower Mississippi River is currently falling from New Madrid, MO downstream to Helena, AR. Minor rises of less than a foot are expected during the next 1 to 2 weeks.
- All locations have crested and the rises from the OH River will only slow the recessions over the next few weeks.
- The Bonnet Carré spillway will continue to operate for the next 3 to 4 weeks.

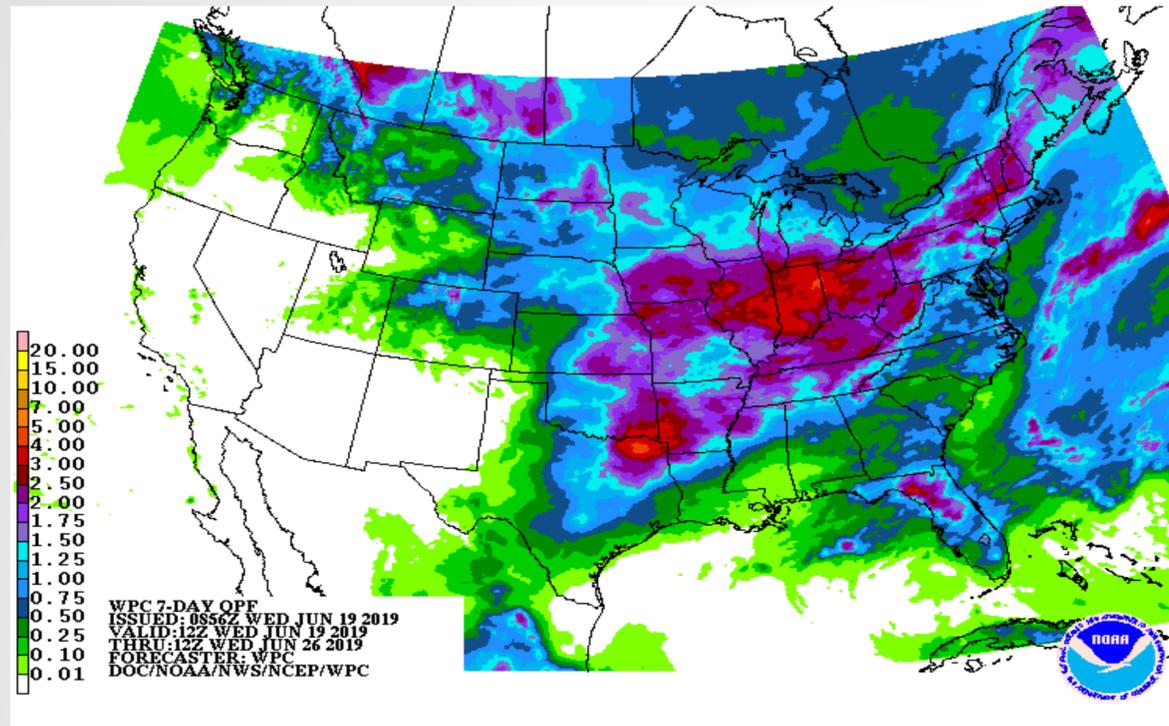


# Lower Mississippi River

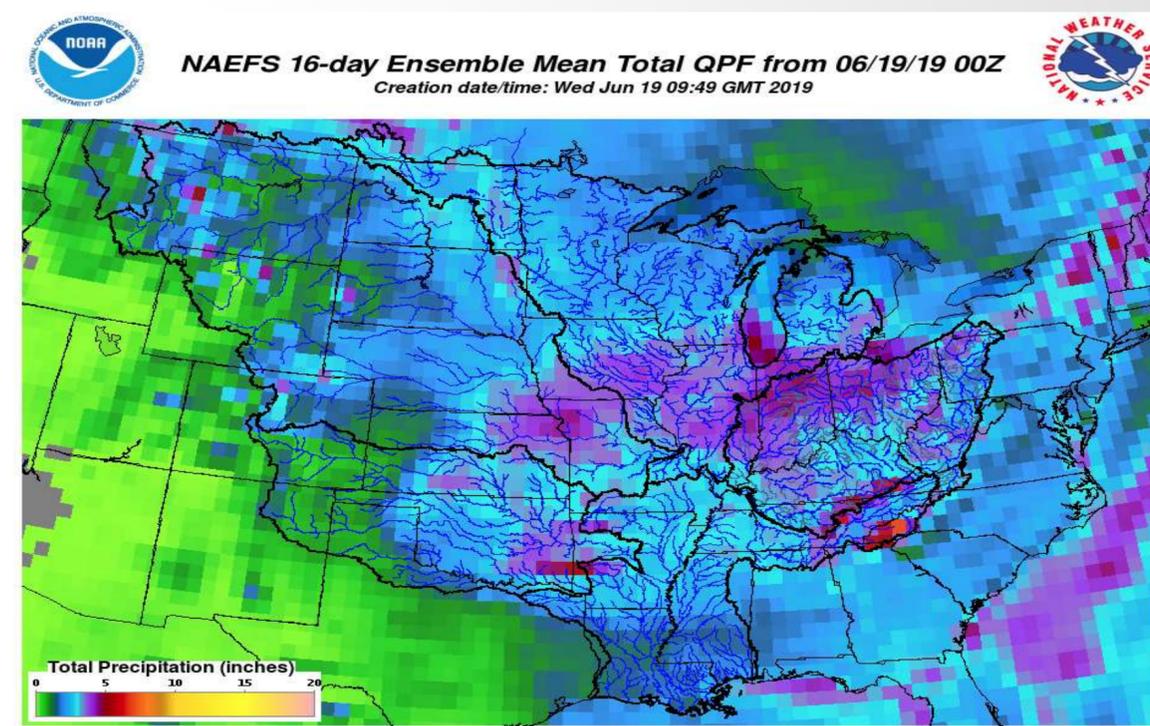
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## 7 Day Future Rainfall



## 16 Day Future Rainfall



- The 16 Day future rainfall is showing 2 to 5 inches over parts of TX, OK, MO, IL, & the Ohio Valley. This rain would slow recessions on the lower Mississippi River in a couple of weeks. The rain will keep stages elevated longer for the lower Mississippi River.
- Flooding and elevated levels will continue through June and July.

# Today's Weather



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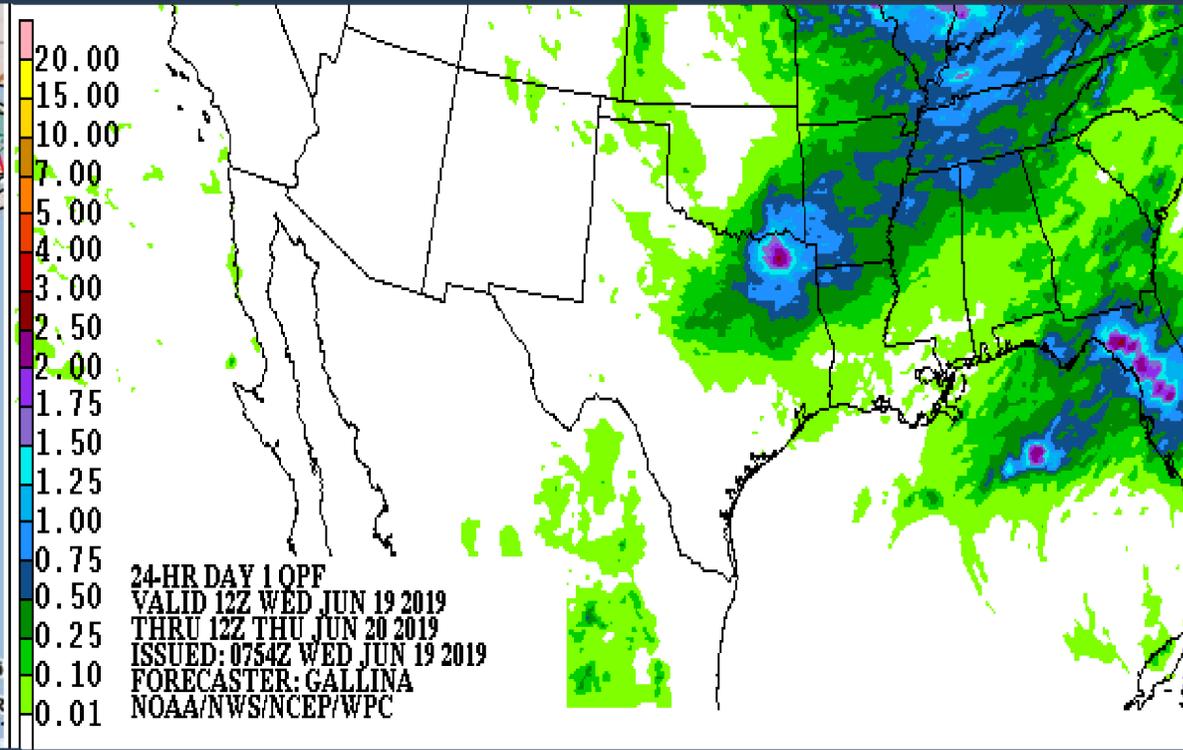
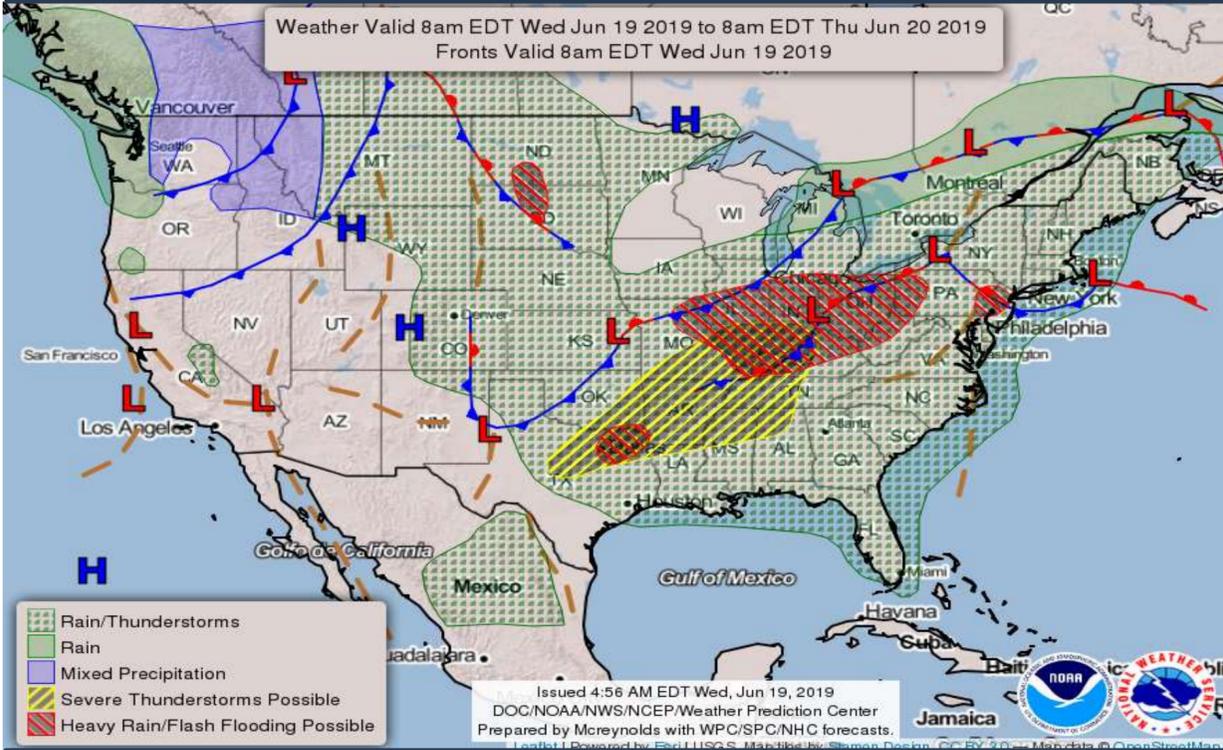
## Forecast Chart

## Forecast Rainfall

**Enhanced risk of severe thunderstorms with damaging winds/large hail and an isolated tornado being the main threats across NETX.**

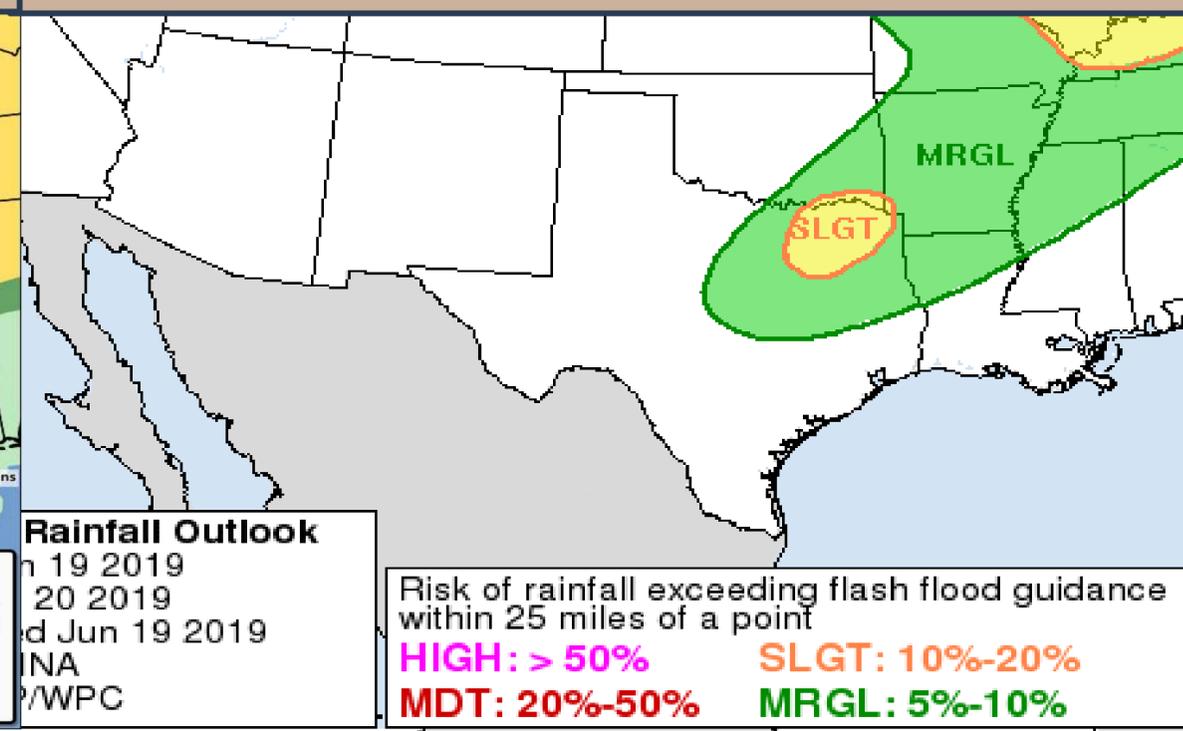
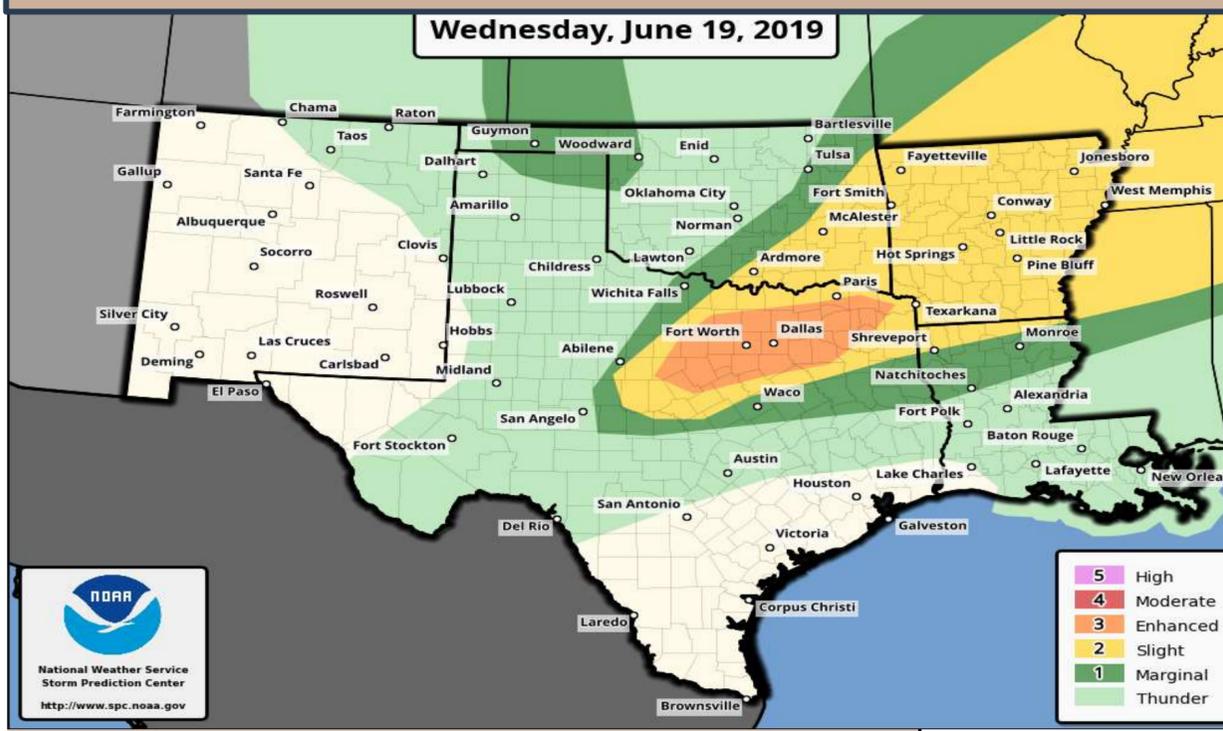
**A slight risk of severe storms with damaging winds/hail being the main threats in SE OK/N LA/AR.**

**Heavy rainfall/flash flooding possible across NETX.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



# Tomorrow's Weather

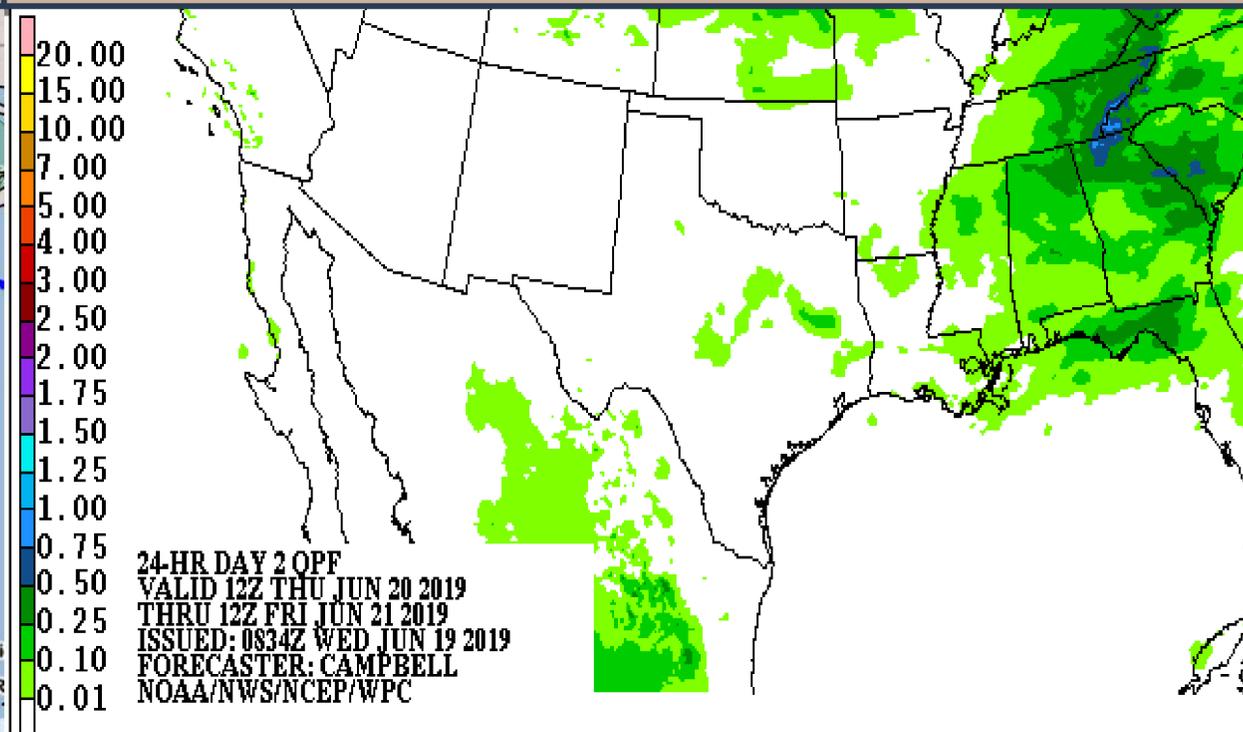
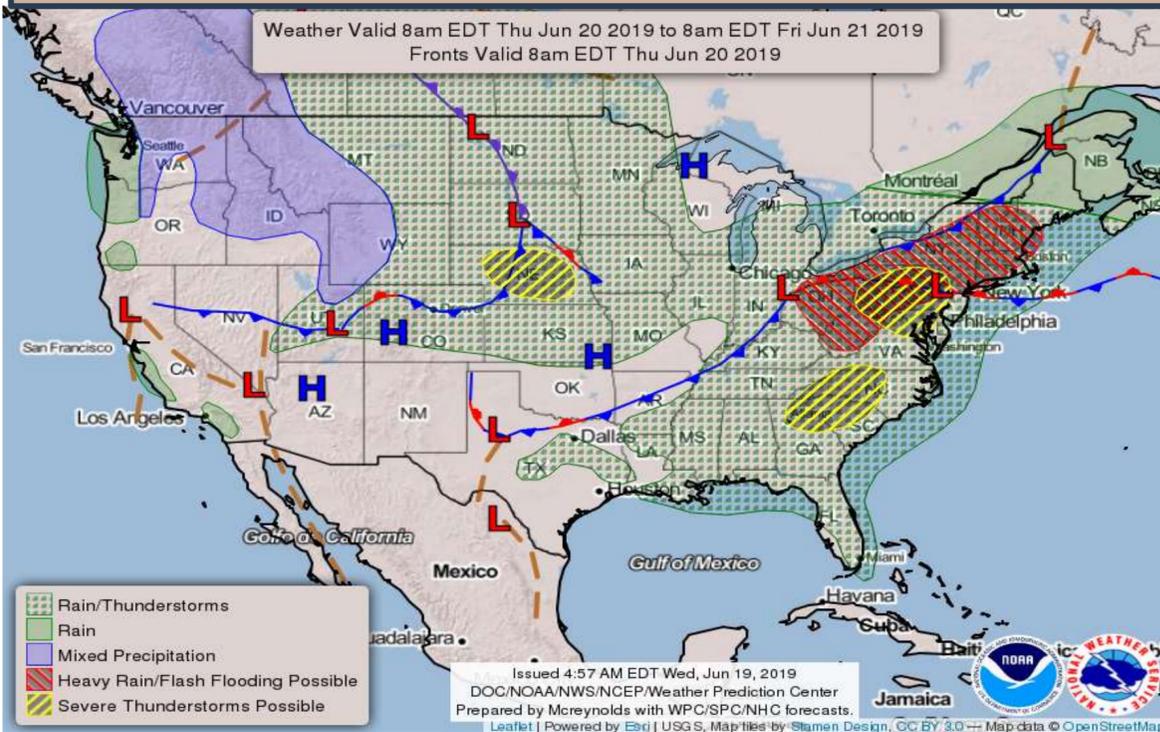


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## Forecast Chart

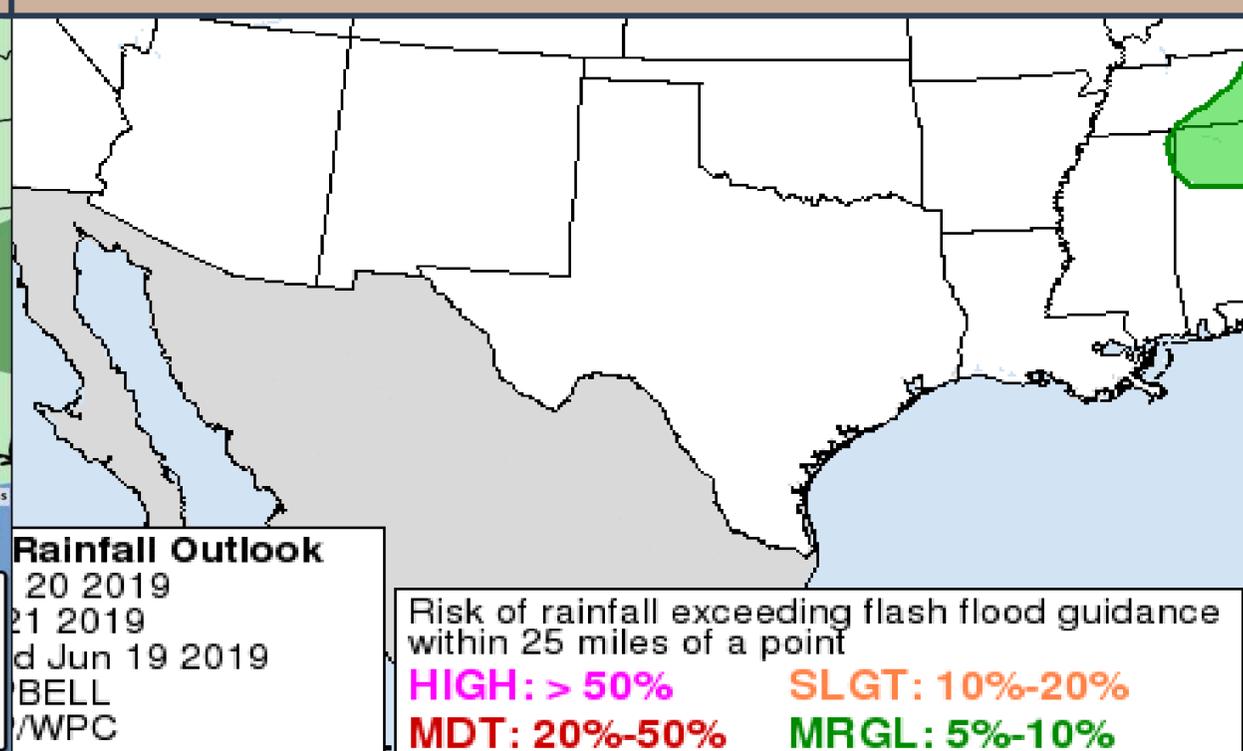
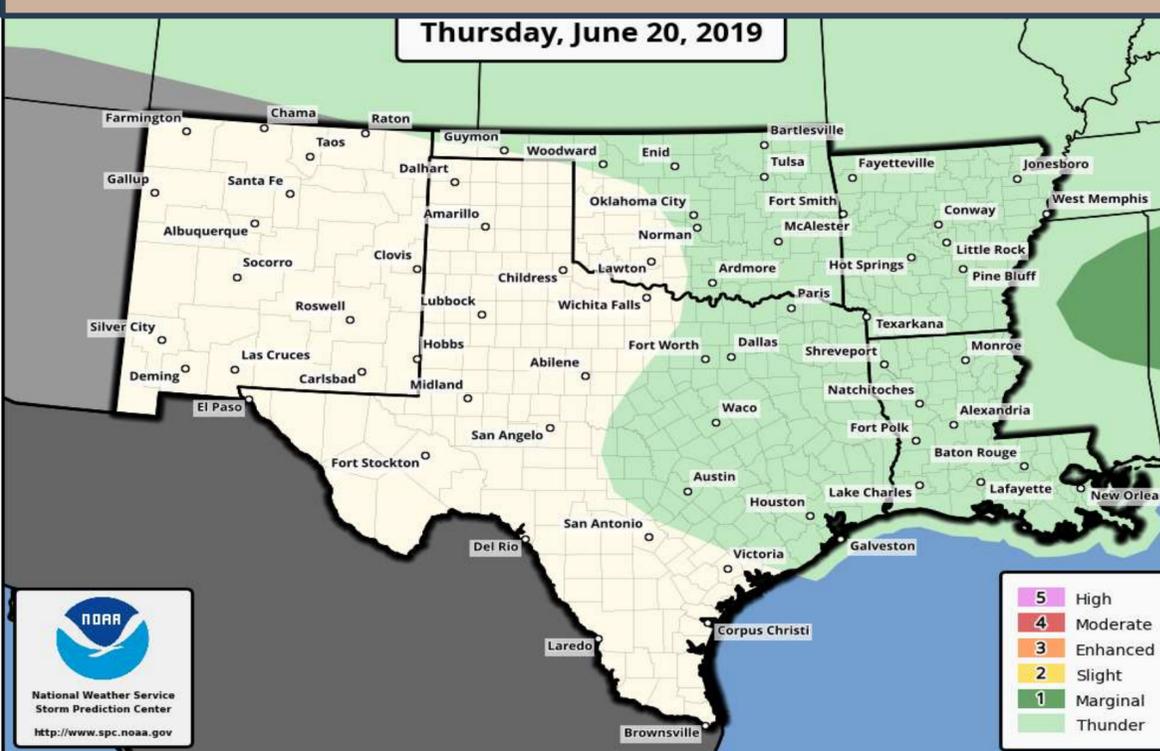
## Forecast Rainfall

**No significant weather impacts expected.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



# Friday's Weather

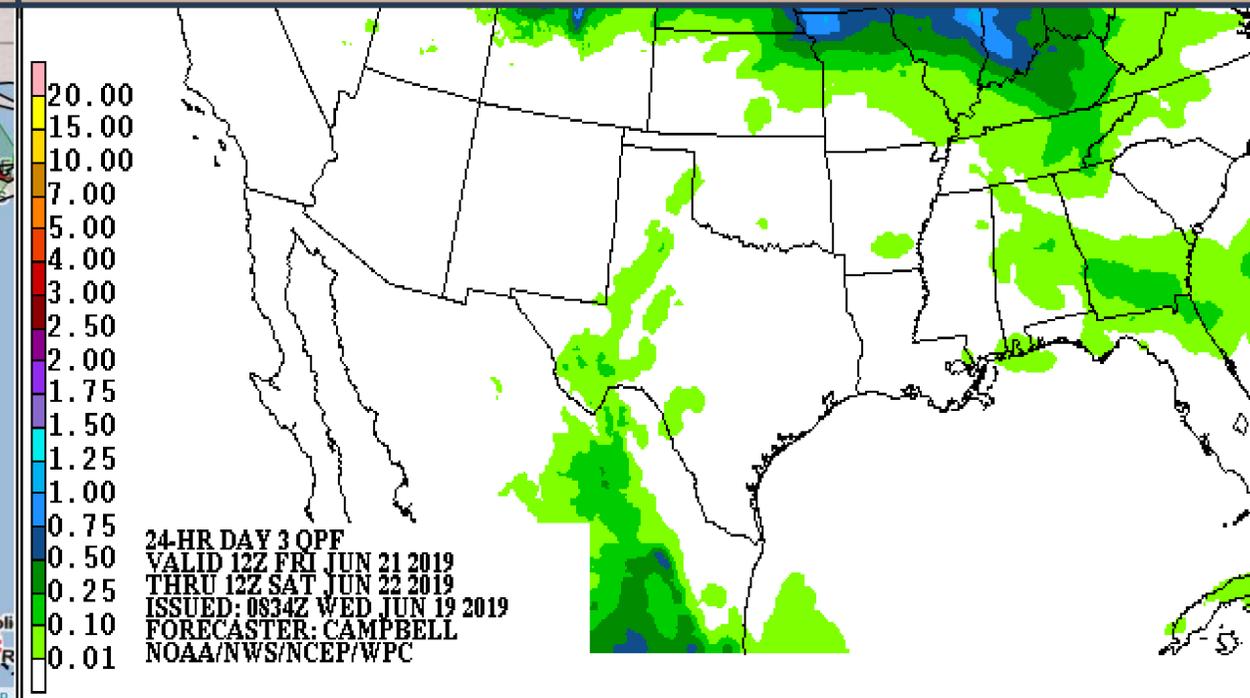
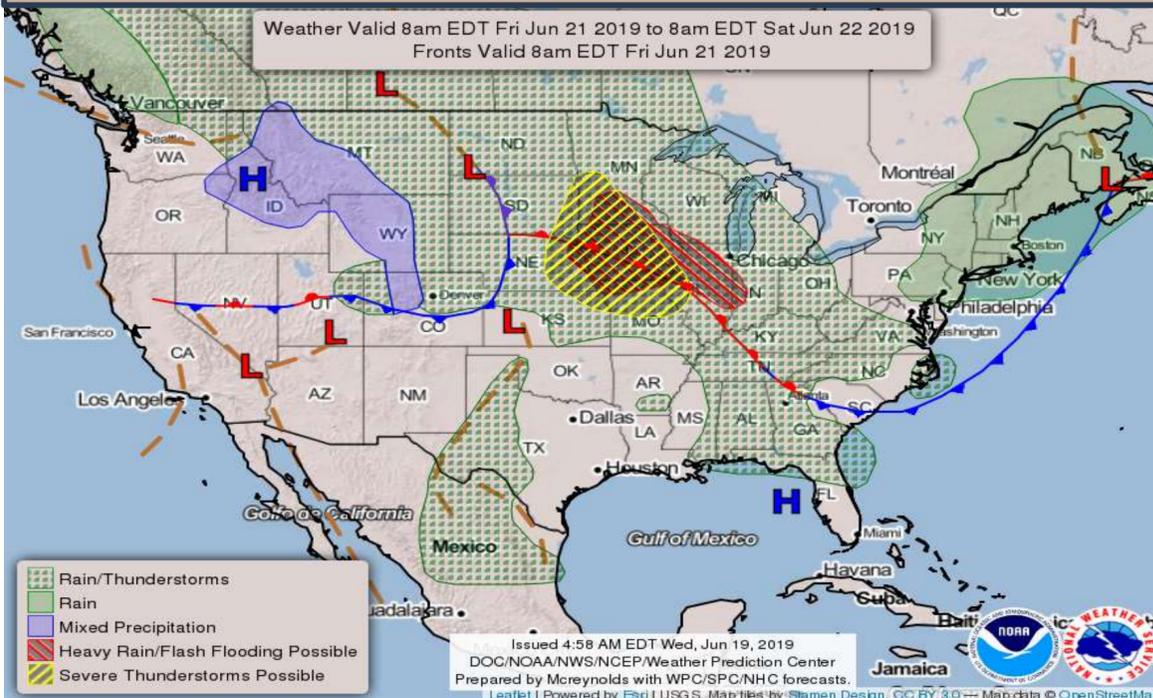


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## Forecast Chart

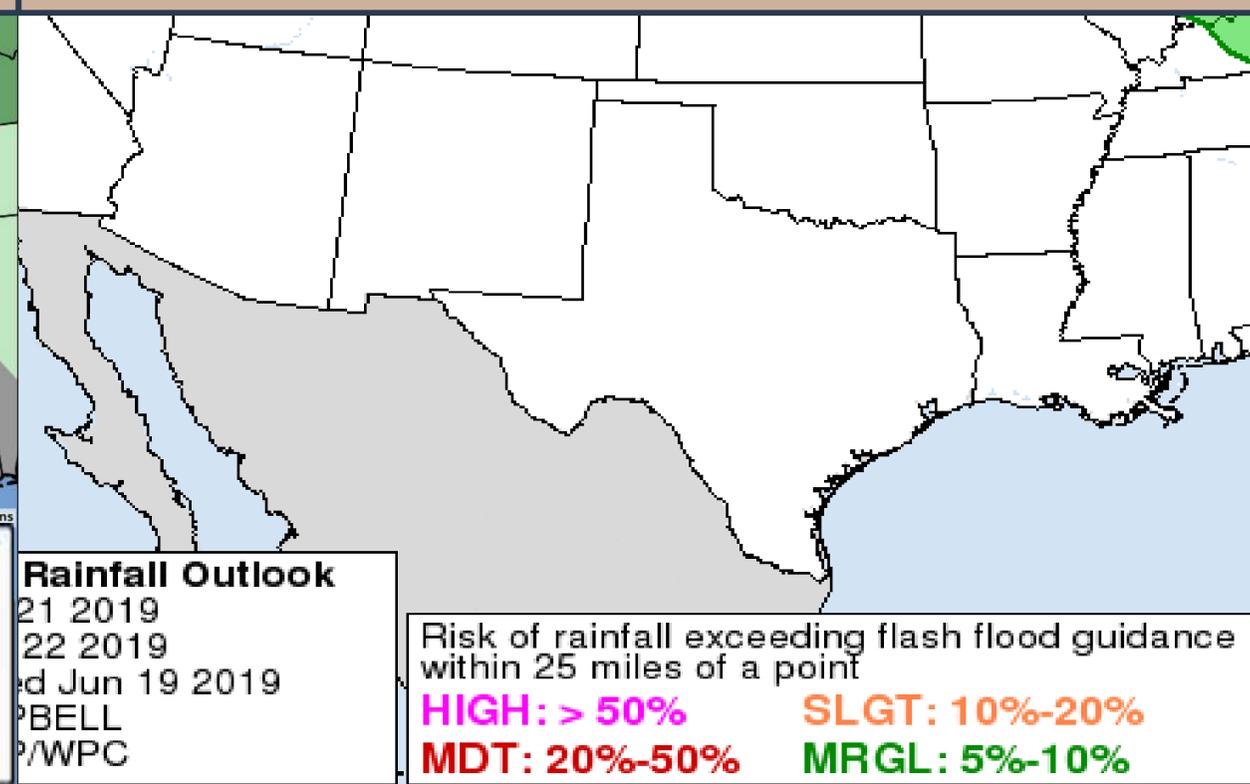
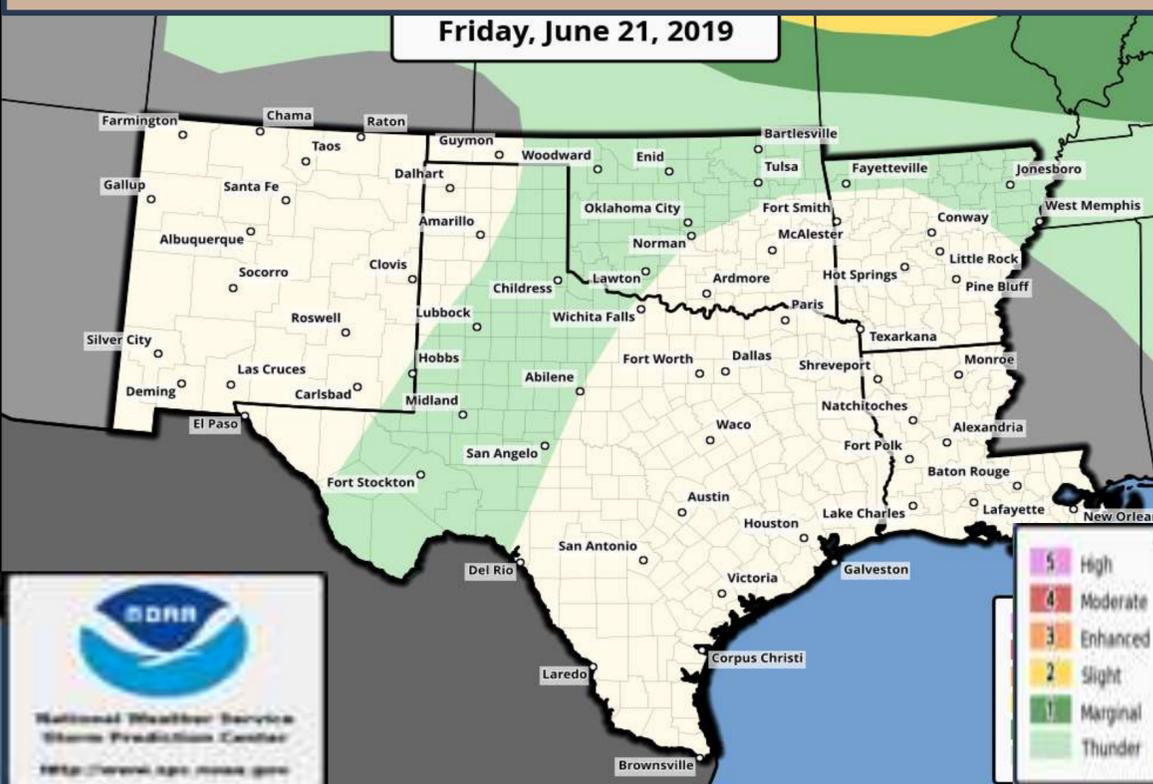
## Forecast Rainfall

**No significant weather impacts expected.**



## Severe Weather Outlook

## Excessive Rainfall Outlook

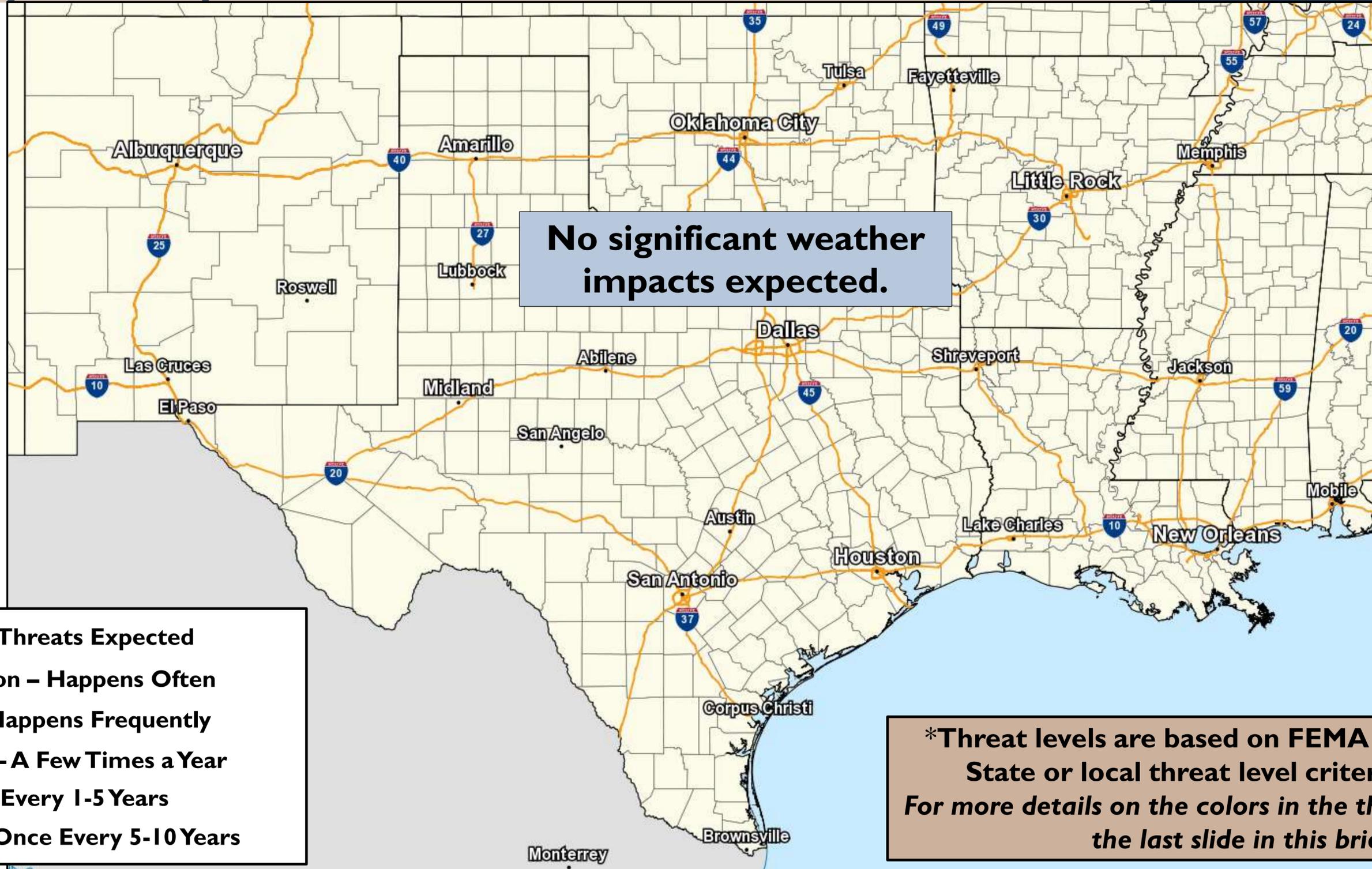


# Days 4-5 Weather Hazards

Saturday – Sunday



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No significant weather impacts expected.

- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

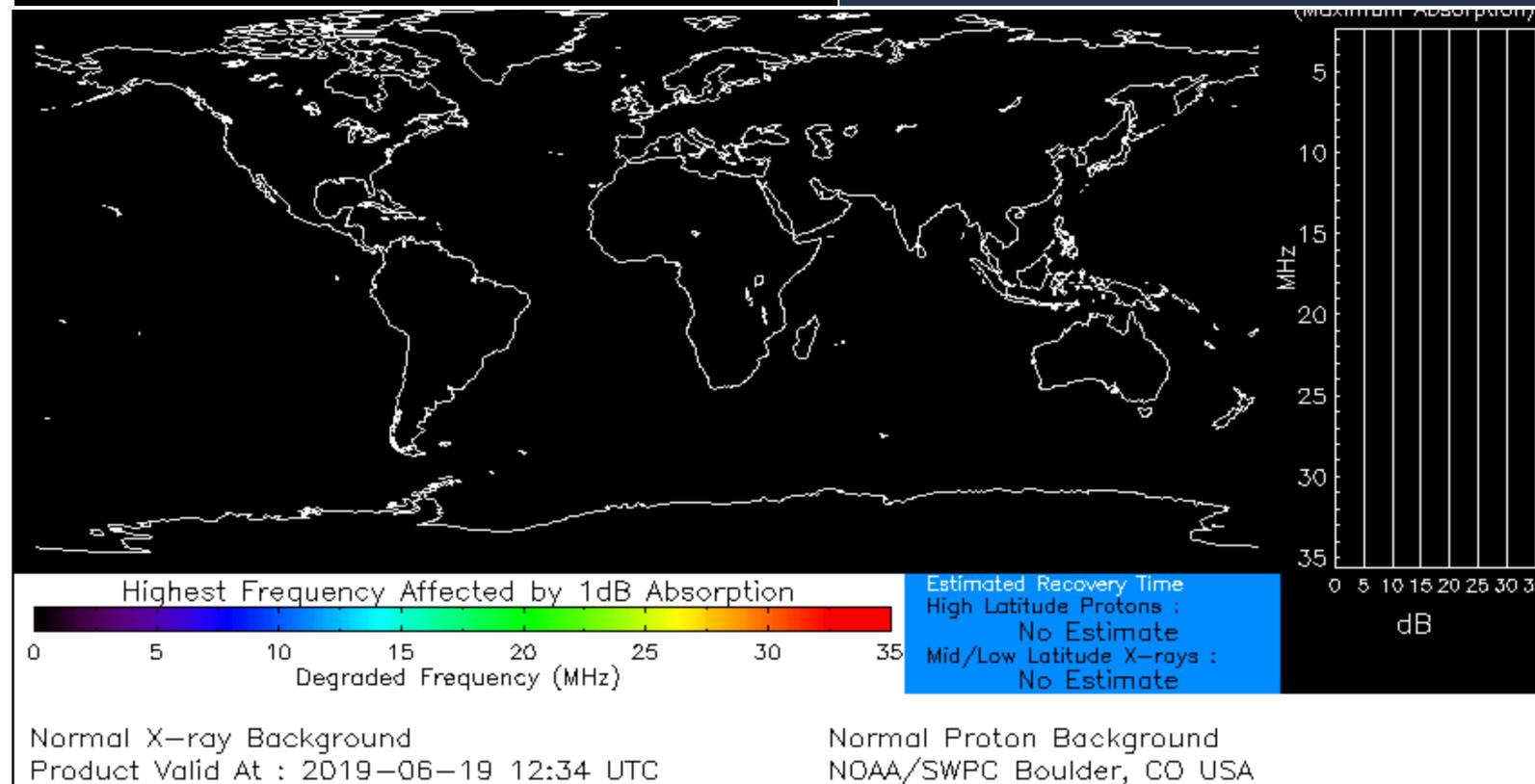
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# Space Weather 3-Day Forecast



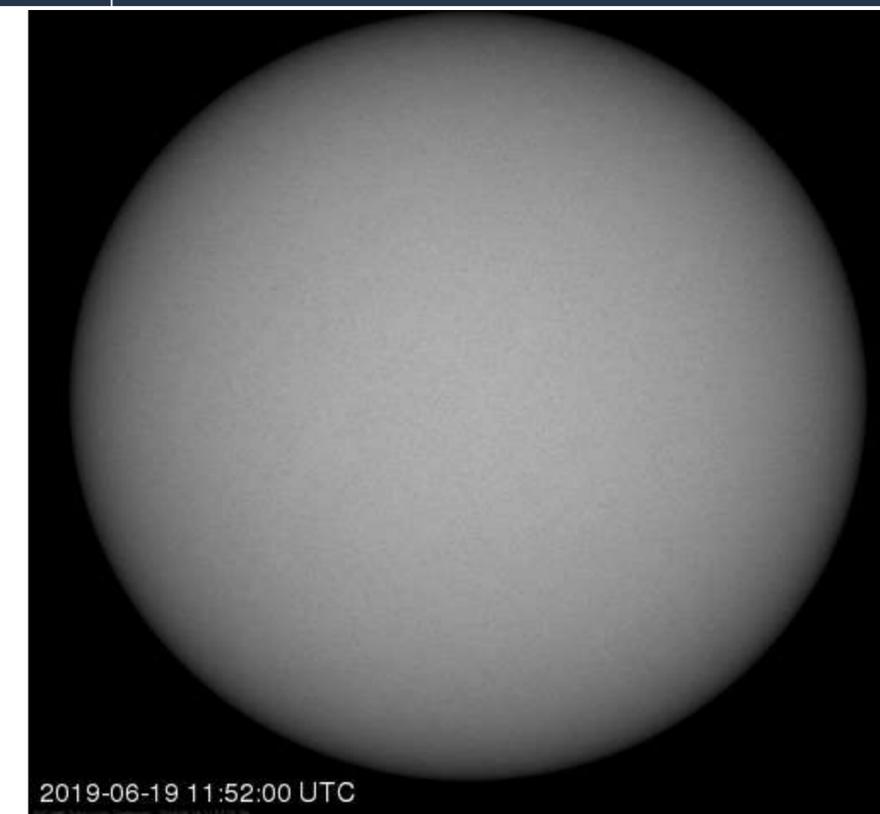
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	Wednesday	Thursday	Friday
<b>Geomagnetic Storms</b>	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





**For more information, please contact:**

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>



## Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;"><b>Very Common</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Somewhat Common – Happens Frequently</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p style="text-align: center;"><b>Uncommon – A Few Times a Year</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p>	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p style="text-align: center;"><b>Rare – Once every 1-5 Years</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p>	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p style="text-align: center;"><b>Very Rare – Once Every 5-10 Years</b></p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</p>	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).**